

Title: Recycling of Military Housing Units
Installation: Redstone Arsenal, Alabama
POC: Joe Davis, (256) 876-8590

Mission Benefits: Increased on-post construction and demolition landfill “life expectancy” by diverting demolition waste, and realized cost avoidance from demolition contract.

Cost Benefits: Demolition and landfill costs were eliminated from the government.

Environmental Benefits: This action saved 176,000 cubic yards of permitted landfill space in Redstone's C&D landfill. Also, building material was recycled and reused.



Photo by Ken Hewitt

Contractor completes a Redstone home for transportation on a flatbed trailer to an off post location

Description: Redstone Arsenal has been recycling entire single family duplexes. There were about 176 homes that were built in the 1960s that were slated for demolition—but were saved and moved off the Installation for reuse by the public. These 3 bedroom homes were about 1600 to 1800 square foot brick-on-concrete slab that had been modernized and maintained over the years. They were in too good of condition to condemn and demolish, so the Directorate of Public Works contracted with a local home moving business to move the buildings--lock, stock, and barrel off-post to a buyer's lot. The contractor was permitted to set up shop on Redstone with several "model" homes available for potential buyers to view and walk through. The homes were excavated and placed on huge flat bed truck trailers for transport by the contractor to the buyer's property.

Cost: \$2,408,560

Regulatory Drivers: Executive Order 13101; Department of Defense Measure of Merit Goal.

Lessons Learned:

1. Moving the homes was much less to fund by the Garrison than the demolition would have cost.
2. Inform the contractor about and accept any and all potential human health concerns related to lead-based paint and asbestos containing material.

Point of Contact:

Installation POC: Joe Davis, Directorate of Public Works, (256) 876-8590, joedavis@redstone.army.mil

Installation POC: Ken Hewitt, Directorate of Environment and Safety, (256) 955-7110,

kenneth.hewitt@redstone.army.mil

Vendor POC: Don Kennedy and Sons House Moving Co., Huntsville, AL (256) 533-1100